JOB MIX CORRECTION FACTOR

Project: _____ **Date:** _____

Sample #: _____

Asphalt Content:

Target % AC (by wt. of mix) [1]			
Target % AC (by wt. of agg.)			

[1] Three calibration samples are required. One at the design asphalt content, one at 0.5% above and one at 0.5% below design asphalt content.

Tare Weights:

Sample Basket Assembly	T_1			
Mixing Bowl, "Buttered" [2]	T_2			

[2] Every effort should be made to ensure that the buttered bowl and spoon (if used) weigh as nearly as possible the same before and after mixing each calibration sample.

Material Weights:

Dry aggregate weight	A_1			
Dry aggregate weight	A_2			
Total aggregate weight [3]	A_t			
Asphalt weight	B_1			
Asphalt weight	B_2			
Total asphalt weight [3]	B_t			
Sum of all materials	$A_t + B_t = C$			
Wt. of sample basket & mix	D			
Weight of mix	$D - T_1 = E$			

[3] Space is provided for multiple aggregate and asphalt weights however if each trial can be mixed in a single sample, only one weight need be entered.

Job Mix Correction Factor

% AC from burn ticket	F			
% AC by mix	$100 \times (B_t \div C) = G$			
Job Mix Correction Factor	F - G			

Average JMCF [4] [ ] Enter this value into the furnace controller for production testing.

[4] If the results of any of the individual correction factor determinations are not within 0.10 of the mean of the tests performed, that test is considered invalid and another test must be run until at least three valid results are obtained.